

1. ~~An electricity distribution and/or power transmission network including input means for the input onto the network of a telecommunication signal having a carrier frequency greater than approximately 1MHz and output means for removing said telecommunication signal from the network.~~

3. Communications apparatus for use with an electricity power distribution and/or transmission network, including a low pass filter portion for filtering out a low frequency high amplitude mains electricity power signal, and a coupling element for input and/or removal of a telecommunication signal from the network.

5. ~~Communications apparatus~~ according to claim 3 or claim 4 including a terminating element for terminating the apparatus in a similar impedance to the characteristic impedance of the network at that point.

7. A method of signal transmission including input of a telecommunications signal having a carrier frequency of greater than approximately 1MHz onto an electricity power distribution and/or transmission network, and subsequent reception of the signal.

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